



RIGHT TREE – RIGHT PLACE (Pendleton, OR)

When selecting plant materials, consider using USDA PLANT HARDINESS ZONE 4-6 (minimum average temps: -20 to 0 °F). Pendleton is USDA Plant Hardiness Zone 7a, but for especially frosty sites, it is recommended to go no higher than Zone 5!

Mature Height color codes:

- Max 25': Under power lines. Planting space: minimum of 4 ft² (see downtown trees at end).
- Max 50: Give them plenty of room. Planting space: minimum of 36 ft².
- Over 50: Parks and wide-open spaces. At least 35' from house or structure.

Growth Rate (GR): F=fast, M=medium, S=slow

Narrow Crown: Mature width is less than 20', making it ideal for downtown area or near structures.

SMALLER TREES WITH MATURE HEIGHT UNDER 25 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Ash, mountain	Sorbus	18'	M	8'	✓	Red Cascade. Small white flowers, orange red berries.
Birch	Betula	15'	F	20'		Youngs Weeping, Summer Cascade. Beautiful bark, weeping habit. Smallest of the birches. Can be short-lived and susceptible to insect attack.
Box Elder	Acer negundo	20' to 25'	F	20'		Flamingo, Kelly's Gold, Variegated. Oval to rounded, nice fall color. To -20°
Cherry	Prunus	20' to 25'	M	6' to 25'	✓	Canada Red Chokecherry, Akebeno, Amanagowa, Weeping, Pink Flair, Snow Goose, etc. Non-fruiting, great spring bloom, fall color.
Crabapple	Malus	15' to 20'	M	8' to 15'	✓	Red Jewel, Red Barron, Adirondack, Royal Burgundy, Prairifire, etc. Spring blossom, fall color, small fruit.
Dogwood	Cornus	20'to 25'	M	15' to 25'	✓	Pink Flowering, Koussa, Pagoda, Golden Shadow, Cherokee Chief, Cherokee Brave. Beautiful spring bloomer, no fruit.

SMALLER TREES WITH MATURE HEIGHT UNDER 25 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Hawthorn	Crataegus	20' to 25'	M	18' to 20'	✓	Crimson Cloud, Snowbird, Toba, Washington, Thornless Cockspur. Great spring bloom, some fruit and thorns.
Lilac, tree	Syringa	20'	M	15' to 20'	✓	Beijing Gold, China Snow, Ivory Silk, Summer Charm, Congo. June bloomers, fragrant.
Linden	Tilia cordata	16'	M	10'	✓	Summer Sprite. Dense, pyramidal dwarf, yellow fall color.
Magnolia	Magnolia stellata	15' to 20'	M	10' to 15'		Royal star. An early bloomer with large, fragrant, white, double flowers appearing before the foliage emerges in spring. Excellent cold and heat tolerance for a magnolia. Has open, spreading growth habit.
Pear, flowering	Pyrus	12' to 18'	M	10' to 15'	✓	Jack, Korean Sun, Silver Ball. Flowering, great fall colors, non-fruiting.
Pine, Vanderwolf's	Pinus flexilis 'Vanderwolf's Pyramid'	20' to 30'	F	10' to 15'		Conifer. Vanderwolf's pine (sometimes called Vanderwolf's pyramid limber pine in nursery trade). Has twisted, blue-green needles and large, decorative pine cones. Good specimen tree.
Redbud	Cercis	7' to 25'	M	30	✓	Narrow: Lavender Twist. Others: Eastern, Appalachian Red, Forest Pansy, Minnesota, Oklahoma, White. Early bloomer, good accent for front yards.
Serviceberry	Amelanchier	20' to 25'	M	15' to 20'	✓	Autumn Brilliance, Cole's Select, Princess Diana, Snowcloud. Beautiful spring blooms, red fall color.
Zelcova	Zelcova serrata	16' to 24'	MF	18' to 36'	✓	City Sprite, Wireless.

MEDIUM TREES WITH MATURE HEIGHT UNDER 50 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Birch	Betula	35' to 50'	F	15' to 35'	✓	Narrow: Dakota Pinnacle, Cutleaf Weeping. Insect resistant: Jacquemonti, Dura-Heat, Heritage, Summer Cascade.

MEDIUM TREES WITH MATURE HEIGHT UNDER 50 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Catalpa	Catalpa	50'	M	35'		Northern. Large white flower, large green leaves.
Cedar, weeping Alaskan	Chamaecyparis nootkatensis 'Pendula'	50'	M	20'		Conifer. Prefers full sun and is moderately drought tolerant. Has a drooping or weeping branch habit. Maintains a full crown, down to the ground surface.
Elm	Ulmus	35' to 50'		25' to 45'	✓	Disease resistant: Frontier, Patriot, Emerald Sunshine, Athena, Dynastyallee, Propect, Pioneer.
Ginkgo	Ginkgo biloba	40' to 50'	S	25' to 40'	✓	Narrow: Princeton Sentry, Magyar, Golden Colonade. Autumn Gold, Presidential Gold. Ancient tree, resistant to many urban problems, very slow grower, female seeds exude odor, get male cultivars (Autumn Gold).
Honeylocust	Gleditsia	40' to 50'		15' to 40'	✓	Halka, Imperial, Northern Acclaim, Shademaster, Skyline, Sunburst (new leaves are yellow). Shade is less dense, good over grass.
Hornbeam	Carpinus	25' to 35'		15' to 25'	✓	Narrow: Palisade, Frans Fontaine. American (Blue Beech), Pyramidal. Growth is formal and symmetrical.
Katsura	Cercidiphyllum	25' to 40'		16' to 40'	✓	Narrow: Red Fox. Katsura, Morioka Weeping. Beautiful tree with heart shaped leaves.
Maple	Acer	30' to 50'	M	Varies	✓	Narrow crown: Columnar Norway, Armstron, Metro Gold (yellow leaves), Bowhall, Belle Tower. Large crown: Autumn Blaze, Crimson King (purple leaves), Emerald Queen, Brandywine, Redpointe, October Glory, Princeton Gold (yellow leaves), etc. Excellent trees, good fall color.
Oak	Quercus	45' to 50'	S	15' to 45'	✓	Narrow crown: Skyrocket, Crimson Spire, Regal Prince. Broad crown: Swamp White, Scarlet, Pin, Shingle, Chinkapin, Northern Red, Shumard. Long lived, great fall color, acorns.
Zelcova	Zelcova	40' to 45'	M	Varies		Narrow: Musashino Columnar. Green Vase, Village Green, Halka. Finer textured foliage, dappled shade.

LARGE TREES WITH MATURE HEIGHT ABOVE 50 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Blue spruce	<i>Picea pungens</i>	50' to 75'	M	10' to 20'		Conifer. Colorado blue spruce is trade name. Dense crown clear to ground level. Silvery, blue-green needles. Likes full sun, but does not handle high temperatures well.
Buckeye, yellow	<i>Aesculus flava</i>	60'	S	45'		Flowers, yellow-orange fall color, largest buckeye.
Elm	<i>Ulmus</i>	50' to 70'	M	35' to 70'		These are tolerant to Dutch Elm disease: Princeton, Triumph, Valley Forge Accolade, Commendation, Danada Charm, Homestead, Jefferson, New Horizon.
Leyland cypress	<i>Cupressocyparis leylandii</i>	60' to 70'	F	15' to 25'		Conifer. Noted for its rapid growth and slender shape; often used for windbreaks, Christmas trees, and border plantings (near fences, etc.)
Linden; Basswood	<i>Tilia americana</i>	70'	M	30-40'		Large specimen tree; excellent for open parks; interesting fruits. Michigan Champtree.
Maple, silver	<i>Acer saccharinum</i>	55'	F	45'		Fast grower, needs lots of room. Prune for strength and shape when young. Also, Steeple Maple.
Maple, Marmo	<i>Acer x freemanii</i>	55'	F	45'		Seedless hybrid of red and silver maples; red fall color; resists frost cracking.
Maple, Steeple	<i>Acer saccharum</i>	55'	M	30'		Symmetrical and oval crown shape; heat tolerant; yellow-orange fall color.
Oak, northern red; scarlet	<i>Quercus</i>	60' to 80'	M	40' to 50'		Scarlet oak is a fast grower; scarlet oak will hold its brown, fall leaves all winter, releasing them in spring as new leaves emerge. Excellent fall color and provides good shade. Long-lived, durable trees.
Pine, Austrian black	<i>Pinus nigra</i>	60'	M	20' to 40'		Conifer. Resists damage from sequoia pitch moth (copious, dripping pitch produced at branch nodes) better than the native ponderosa pine. Likes full sun, and tolerates moderate drought, poor soils, and air pollution.

LARGE TREES WITH MATURE HEIGHT ABOVE 50 FEET						
Common Name	Scientific Name	Mature Height	GR	Mature Width	Narrow Crown	Varieties; Description
Planetree, London	Platanus x acerifolia	80'	F	80'		Large leaves; interesting, flaky bark. Example: Bloodgood.
Spruce, Norway	Picea abies	60'	M	25'		Conifer. Fastest growing of the spruces. Likes full sun, and often has a drooping branch habit. Pyramidal growth shape.
Sweetgum	Liquidambar	60'	M	45'		Pyramidal to round crown shape; yellow-red-purple fall color; interesting leaf shape and leathery texture.
Tulip Tree	Liriodendron	60'	F	30'		Fast grower, large flower (tuliplike), blooms in summer.
Zelcova	Serrata	60'	F	60'		Fast grower, good substitute for American elm. Sawleaf, Halka.

TREES FOR DOWNTOWN OR OTHER AREAS WITH MATURE CROWN WIDTH LESS THAN 20'					
Name	Cultivar	Ht.	Width	Comments	
American Hornbeam	Palisade	30	15		
Beech	Purple Dawyck	40	12		
Birch	Dakota Pinnacle	40	15		
Cherry	Amanagawa	20	6		
	Columnar Sargent	35	15		
	Pink Flair	25	15	Does well in Pendleton, esp. when alternated with redbud.	
	Royal Burgundy	20	15		
	Spire	30	10		
Crabapple	Andirondack	18	10		
	Marilee	24	10	Fruitless, crown narrower than spring snow	

TREES FOR DOWNTOWN OR OTHER AREAS WITH MATURE CROWN WIDTH LESS THAN 20'

Name	Cultivar	Ht.	Width	Comments
	Red baron	18	8	Nonpersistent fruit
	Tschonoski	28	14	
Elm	Everclear	40	15	
Ginkgo	Princeton Sentry	40	15	
Goldenchain	Columnar	20	10	
Hackberry	Prairie Sentinel	45	12	
Hornbeam	Franz Fontaine	35	15	
Katsura	Red Fox	30	16	
Linden, Littleleaf	Chancellor	35	20	
	Corinthian	45	15	
	Summer Sprite	20	15	
Locust, Honey	Streetkeeper	45	20	
Maackia, Amur	Maackia amurensis	25	20	Compact, rounded tree suitable for small landscapes
Maple	Apollo	25	10	Heat tolerance
	Armstrong	45	15	
	Belle Tower	45	18	
	Bowhall	40	15	Better than Armstrong
	Crimson Sentry	25	15	
	Easy Street	40	20	
	Metro Gold	35	20	
	New World	40	20	

TREES FOR DOWNTOWN OR OTHER AREAS WITH MATURE CROWN WIDTH LESS THAN 20'

Name	Cultivar	Ht.	Width	Comments
	Red Rocket	38	15	
	Rocky Mountain Glow	25	15	Bigtooth maple cultivar
	Rocky Mountain	25	15	
	Scarlet Sentinel	40	20	
	Columnar Norway	35	15	
Mountain Ash	Cardinal Royal	35	20	Bright red fruit
	Rossica	30	18	
Oak	Crimson Spire	45	15	
	Green Pillar	50	15	
	Regal Prince	45	18	
	Skyrocket	45	15	
	Urban Pinnacle	55	25	Large but compact/columnar
Parrotia	Vanessa Persian	28	14	
Pear	Capital	35	12	
	Chanticleer	40	15	
Plum	Crimson Point	25	10	
Redbud	Minnesota	25	15	Does well in Pendleton, esp. when alternated with pink flair cherry in a mixed planting.
Serviceberry	Spring Flurry	35	20	
Sourwood	Sourwood	20	15	
Sweetgum	Emerald Sentinel	30	12	
Tree Lilac	Japanese Ivory Silk	20	15	

TREES FOR DOWNTOWN OR OTHER AREAS WITH MATURE CROWN WIDTH LESS THAN 20'

Name	Cultivar	Ht.	Width	Comments
Tuliptree	Columnar	50	15	
Zelkova	Mushashino	45	15	

PROHIBITED TREES FOR STREET RIGHTS-OF-WAY AND PARKS

Name	Cultivar or Species	Comments
Siberian elm		non-native, prolific invasive
Ailanthus (tree-of-heaven)		non-native prolific invasive, sprouter, allelopathic, difficult to eradicate once established
Ash	Any Fraxinus species	threatened by spread of emerald ash borer insect moving from east to west across the continent
Aspen		native, but has a habit of prolific sprouting from root system that can damage lawns and improvements
Black locust		non-native tree, fast growing, brittle branches and often sheds large branches, prolific root sprouter
Russian olive		fast-growing, prolific seeder and resprouter, difficult to eradicate

NOT IDEAL TREES, BUT SUITABLE FOR PARKS AND YARDS SOMETIMES

Name	Cultivar or Species	Comments
Willow	Tree-size Salix species	water loving, but shallow root system that can uplift asphalt. Do not plant near streets, sidewalks, and underground utilities. Roots on ground surface can make mowing difficult

NOT IDEAL TREES, BUT SUITABLE FOR PARKS AND YARDS SOMETIMES

Name	Cultivar or Species	Comments
Silver maple		fast growing with a shallow root system, do not plant near streets, sidewalks, and underground utilities. Roots on ground surface can make mowing difficult
Black hawthorn		favored wildlife food source. Has long thorns that scratch and puncture, so it can create an effective hedge barrier and discourage traffic

TREES DISCOURAGED FOR USE IN RESIDENTIAL YARDS

Name	Cultivar or Species	Comments
Ailanthus (tree-of-heaven)		non-native prolific invasive, sprouter, allelopathic, difficult to eradicate once established
Ash	Any Fraxinus species	threatened by spread of emerald ash borer insect moving from east to west across the continent
Aspen		native, but has a habit of prolific sprouting from root system that can damage lawns and improvements
Black locust		non-native tree, fast growing, brittle branches and often sheds large branches, prolific root sprouter
Maple, red sunset	Acer rubrum 'Franksred'	This red maple cultivar requires acid soil. Many soils in the Pendleton area are alkaline, and this tree will get started here, but then dies suddenly in 5 or 6 years due to the soil conditions.
Pine, ponderosa	Pinus ponderosa	Conifer. Widespread native tree of the mountains. Discouraged because it is very susceptible to being damaged by sequoia pitch moth when planted as an ornamental tree.

TREES DISCOURAGED FOR USE IN RESIDENTIAL YARDS

Name	Cultivar or Species	Comments
Siberian elm		non-native, prolific invasive